HDM | PROFIL- FLANKENLINIE

F2.583.370W17 Fraesen Mk5Hy | Zahnrad | LFD. NR.: 30

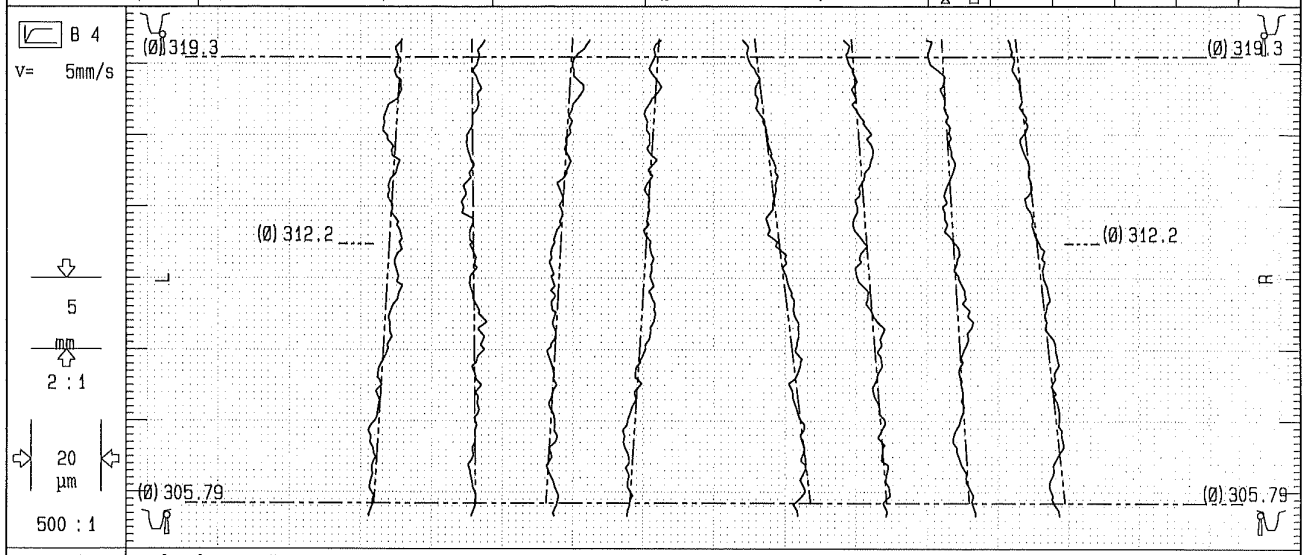
TYP : F2 BEMERKUNG : 0

Losnummer 4391793 | Arbeitsg. 0400

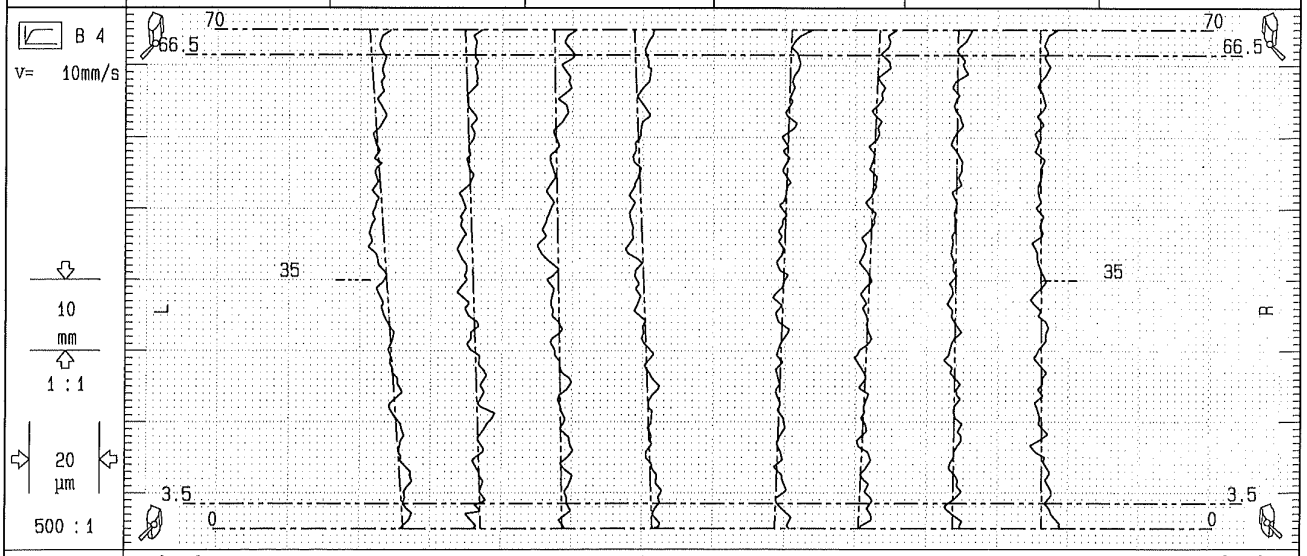
Bearbmasch

z	75 R/R	α_n	12°0'0"	1.5/1.5/1.5mm	L_α	13.51->14.31/13.51->14.31 mm				d	310.876/310.876 mm
m_n	4 mm	ß	15°12'0"/15°12'0"	b	70 mm	d_b	303.598/303.598 mm				
NDP	6.35/inch	$ß_b$	14°51'36"/14°51'36"	x	.165	$L_ß$	90->100/90->100 %			Tp=32.8°C	

DIN 3961/62 / (mm) STIRNRAD:



ΣQ	[...]	x̄	Q	58	39	20	1		1	20	39	58	Q	x̄	[...]
	0/25	9.7	6	9.7	7.2	10.7	11.1	F_α	16	12.1	12.3	14.7	7	13.8	0/25
= 8	0/20	7.4	6	8.2	6.9	7	7.3	$f_{f\alpha}$	7.2	7.6	8	6.5	6	7.3	0/20
= **9**	+-14	-5.7	7	-7.8	1	-7.5	-8.4	$f_{H\alpha}$*	**-15.5**	-9.9	-7.8	**-14.1**	**9**	-11.8	+-14
	-/-	-5.7						$f_{H\alpha M}$						-11.8	-/-
	-/-	9.4						$f_{\sigma\alpha}$						7.7	-/-
= 8															
= 7															



ΣQ	[...]	x̄	Q	58	39	20	1		1	20	39	58	Q	x̄	[...]
	0/25	11.1	7	12.5	10.7	10.7	10.5	Fß	10.9	11.7	8	8.6	6	9.8	0/25
= 8	0/18	9.8	7	8.8	9.5	11.7	9.3	$f_{f\beta}$	8.5	7.9	7.1	8.5	6	8	0/18
= 6	+-20	-5.7	6	-9.9	-4.8	-2.6	-5.4	$f_{H\beta}$*	4.4	5.8	1.3	-.6	5	2.7	+-20
	-/-	-5.7						$f_{H\beta M}$						2.7	-/-
	-/-	7.3						$f_{\sigma\beta}$						6.4	-/-
= 8															
= 7															

0973 | 18.06.2013 18:42 | ZP 1000 V7.30 | 110 101

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HDM | TEILUNG

F2.583.370W17 Fraesen Mk5Hy | Zahnrad | LFD. NR.: 30

TYP : F2 BEMERKUNG : 0

Losnummer 4391793 | Arbeitsg. 0400

Bearbmasch

z 75 R/R	α_n 12°0'0"	1.5/1.5/1.5mm	L_α 13.51->14.31/13.51->14.31 mm			d 310.876/310.876 mm	
m_n 4 mm	ß 15°12'0"/15°12'0"	b 70 mm	d_b 303.598/303.598 mm				
NDP 6.35/inch	$ß_b$ 14°51'36"/14°51'36"	x .165	$L_ß$ 90->100/90->100 %			Tp=32,8°C	

v_m= 10mm/s
v_p= 40mm/s

±Q | =Q | [...]

20 µm fp

fp	8	5	0/ 20	5.1		▼ #29	▲ #69	
fu	8	4	0/ 25	5.1			#29	

20 µm fp

fp	8	6	0/ 20	7.4		▼ #36	▲ #4	
fu	8	5	0/ 25	7.4			#36	

40 µm Fp

Fp	8	4	0/ 80	14.9		▼ #56	▲ #16	
Fpz/8	8	3	0/ 50	8.3				

40 µm Fp

Fp	8	5	0/ 80	20.2		▼ #20	▲ #64	
Fpz/8	8	4	0/ 50	11.3				

40 µm Fr

∅○ =6.51Fr	8	7	0/ 56	33.3		▼ #64	▲ #32	

	! =	! = ∅ ○	! = ∅ ○
	! 81.33 <=81.35 <=81.35 = **81.327**<=81.333<=81.338 7 (aus Teilung)	! = ∅	! = ∅

STIRNRAD: DIN 3961/62 / (mm) 110 101 ZP 1000 V7.30 18.06.2013 18:42 0973

HDM | PROFIL- FLANKENLINIE

F2.583.370W17 Fraesen Mk5Hy | Zahnrad | LFD. NR.: 285

TYP : F2 BEMERKUNG : 0

Losnummer 4403683 | Arbeitsg. 0400

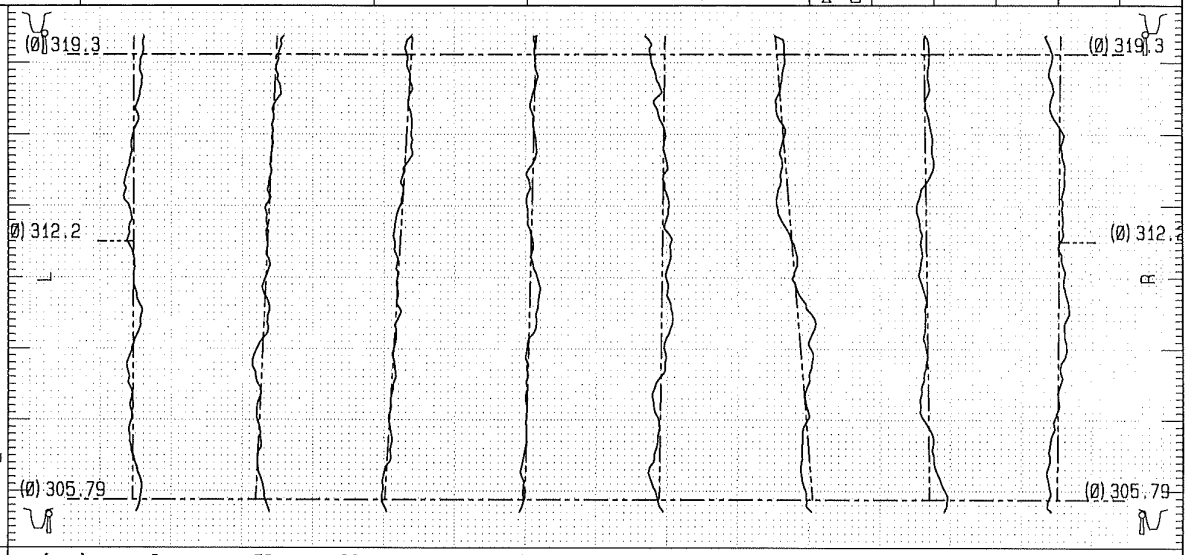
Bearbmasch

z	75 R/R	α_n	12°0'0"	1.5/1.5/1.5mm	L_α	13.51->14.31/13.51->14.31 mm			d 310.876/310.876 mm
m_n	4 mm	ß	15°12'0"/15°12'0"	b 70 mm	d_b	303.598/303.598 mm			T_W=21.4°C
NDP	6.35/inch	$ß_b$	14°51'36"/14°51'36"	x .165	$L_ß$	90->100/90->100 %			T_A=21.6°C

DIN 3961/62 / (mm)

STIRNRAD:

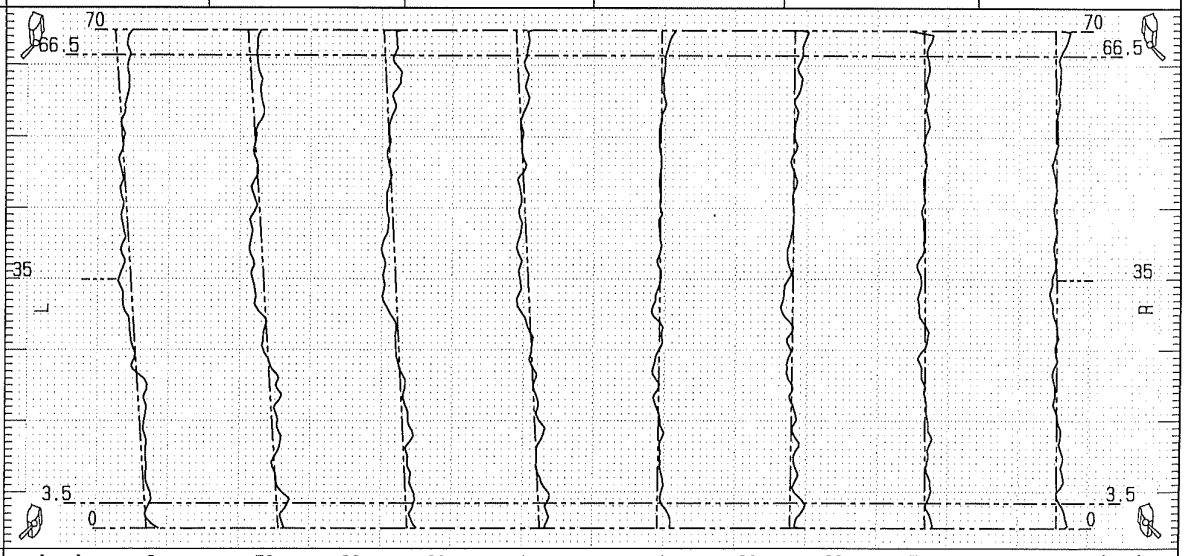
B 4
v= 5mm/s



5 mm
2 : 1
20 µm
500 : 1

ΣQ	[...]	x̄	Q	58	39	20	1		1	20	39	58	Q	x̄	[...]
	0/25	7.1	5	5.3	8.2	8.9	5.8	F_α	6.9	11.3	8.7	6.6	6	8.4	0/25
= 8	0/20	5	5	5.3	5.5	4.2	4.9	$f_{f\alpha}$	7.2	8.4	7.9	6.4	6	7.5	0/20
= 8	+-14	-4.4	7	-.3	-6.1	-7.9	-3.3	$f_{H\alpha}$*	1.8	-10.3	-1.4	1.2	8	-2.2	+-14
	-/-	-4.4						$f_{H\alpha M}$						-2.2	-/-
	-/-	7.6						$f_{\sigma\alpha}$						12.1	-/-
= 8															
= 7															

*



B7135 P 40 V7.39 17.01.2014 09:52

B 4
v= 10mm/s

10 mm
1 : 1
20 µm
500 : 1

ΣQ	[...]	x̄	Q	58	39	20	1		1	20	39	58	Q	x̄	[...]
	0/25	10.3	6	9.7	11.7	9.9	9.7	Fß	4	7.1	4.6	4.2	4	5	0/25
= 8	0/18	7.6	6	7.7	7.2	8.7	6.9	$f_{f\beta}$	3.8	7.5	4.4	4	6	4.9	0/18
= 6	+-20	-8.1	6	-9.2	-9	-7.1	-7.2	$f_{H\beta}$*	.9	1	-.6	-.7	1	.2	+-20
	-/-	-8.1						$f_{H\beta M}$						.2	-/-
	-/-	2.1						$f_{\sigma\beta}$						1.7	-/-
= 8															
= 6															

HDM | TEILUNG

F2.583.370W17 Fraesen Mk5Hy | Zahnrad | LFD. NR.: 285

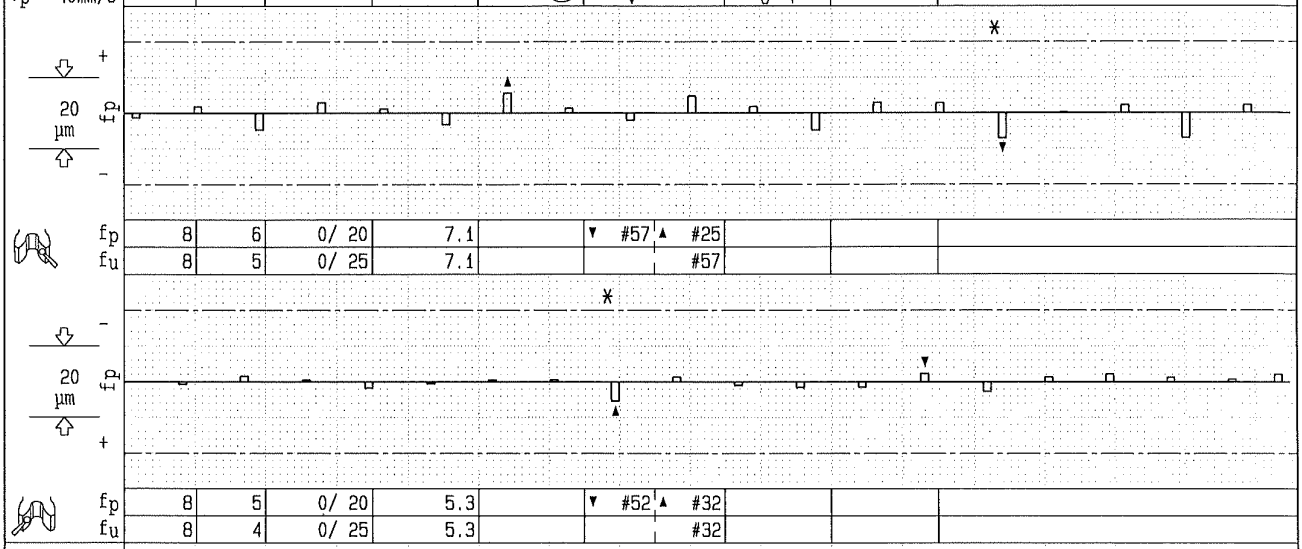
TYP : F2 BEMERKUNG : 0

Losnummer 4403683 | Arbeitsg. 0400

Bearbmasch

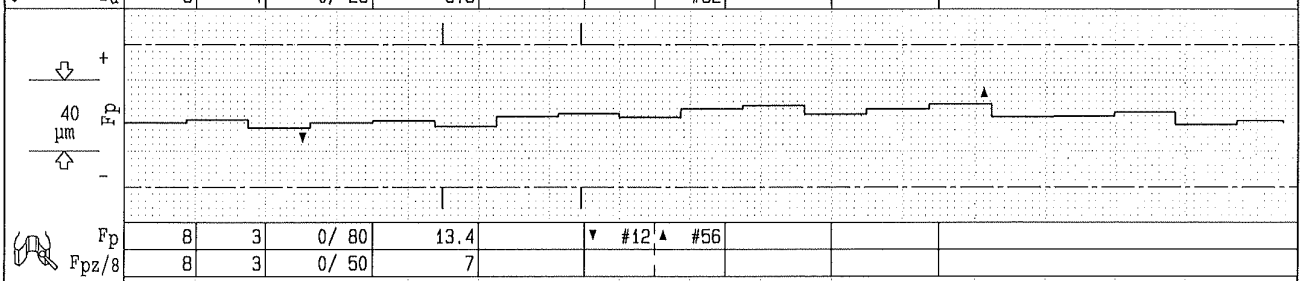
z	75 R/R	α_n	12°0'0"	1.5/1.5/1.5mm	L_α	13.51->14.31/13.51->14.31 mm	d 310.876/310.876 mm
m_n	4 mm	ß	15°12'0"/15°12'0"	b 70 mm	d_b	303.598/303.598 mm	T_W=21.4°C
NDP	6.35/inch	$ß_b$	14°51'36"/14°51'36"	x .165	Lß	90->100/90->100 %	T_A=21.6°C

Vm= 10mm/s
Vp= 40mm/s

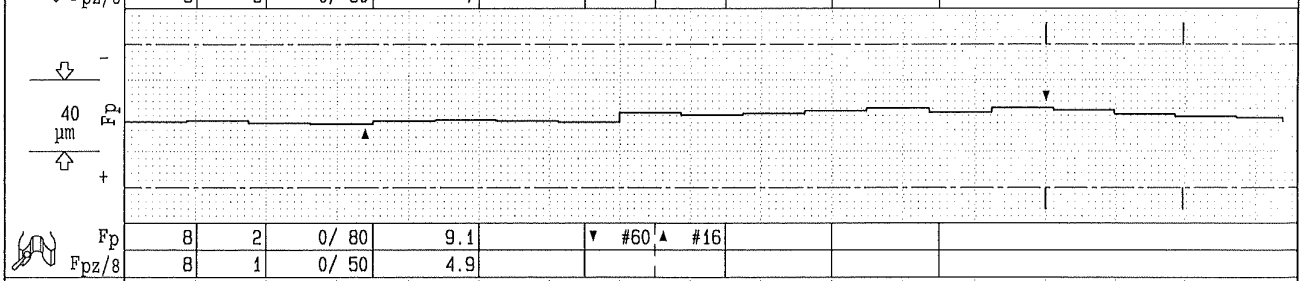


fp	8	6	0/ 20	7.1		▼ #57	▲ #25	
fu	8	5	0/ 25	7.1			#57	

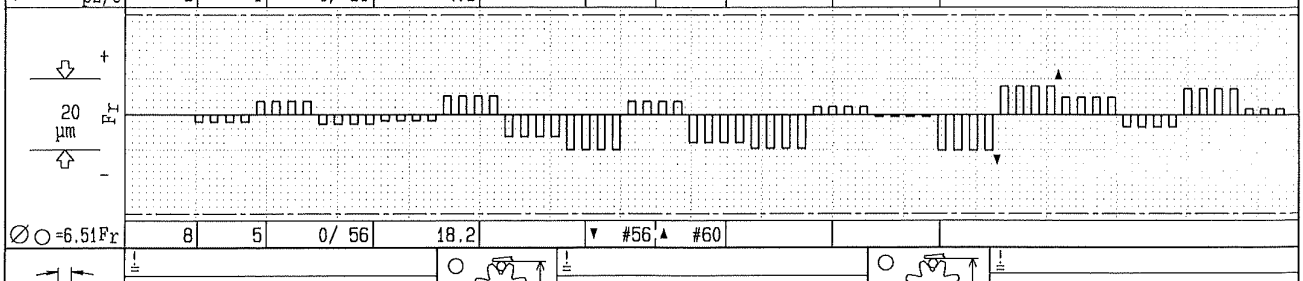
fp	8	5	0/ 20	5.3		▼ #52	▲ #32	
fu	8	4	0/ 25	5.3			#32	



Fp	8	3	0/ 80	13.4		▼ #12	▲ #56	
Fpz/8	8	3	0/ 50	7				



Fp	8	2	0/ 80	9.1		▼ #60	▲ #16	
Fpz/8	8	1	0/ 50	4.9				



∅○ =6.51Fr	8	5	0/ 56	18.2		▼ #56	▲ #60	

!		!	!
=		=	=
		∅ ○	∅ ○
! 81.33 <=81.35 <=81.35	!	!	!
= 81.349<=**81.353**<=**81.356**	=	=	=
7 (aus Teilung)	∅ ▯	∅ ▯	∅ ▯